



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

601.2587

Job Sheet 212956



Part No: 601.2587

Job Qty: 3 pcs

Part Name: Snap Ring



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/10/20

Job Tracking No:

Due Date: 9/10/20

Created By: Linda Lacelle

Type: Stock

Description:

Note: 601.2587 REV.NC IPP REV:A 20.06.24 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Packaging 1 - Pick Kit	3 pcs	9/10/20	9/10/20	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		
							Packaging 1 - 31		



Container No: S299867



Part: 601.2587

Job No: 212956

Serial No/Batch: S299867

Revision: REV.NC

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 09/11/20

DAS 28
9-89

SEP 11 2020

				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				Packaging 1 - 37	
130	Packaging 3-1 - Stock - B4B	3 pcs	9/10/20	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B ✓
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
					Packaging 3 - 37 - B4B
140	QC 21 - SA	3 pcs	9/10/20	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 9
					QC 21 - SA - 77

DAS
SEP 14 2020 80
GA-TBD 9-89

DAS
21
9-89 SEP 14 2020

Part Op 90 - PULL FROM STOCK AND RE-IDENTIFY.
Descriptions: 130 - Identify as per dwg & Stock
140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
91590A117	External Snap Ring .375 6A052	3 Ea (1 ea)	90-Packaging 1 - Pick Kit	5118687

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Packaging 1 - Pick Kit	91590A117	3	78	0

Part Specifications
Specifications could not be found.

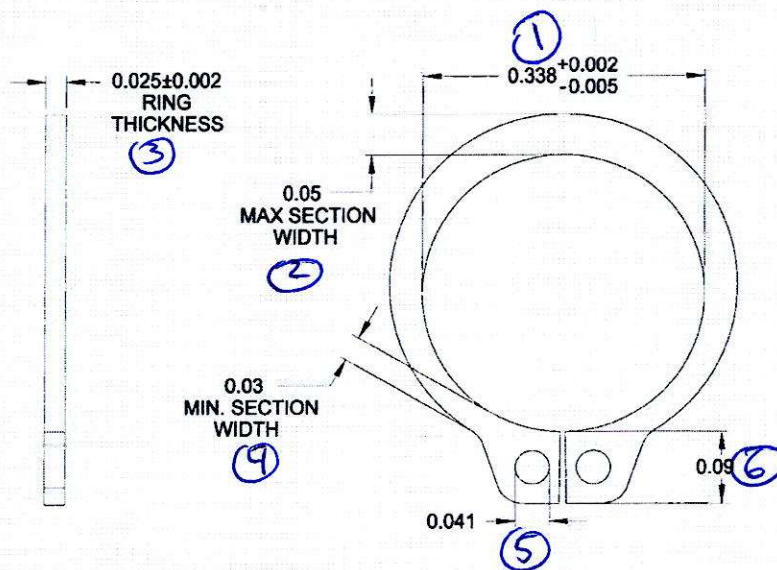
Plex 9/10/20 11:25 AM dart.lacelle.linda

1 2 3 4 5 6 7 8
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

NOTES:

1. MATERIAL: STAINLESS STEEL PH 15-7 MO ⑦
2. FINISH: NONE
3. VENDOR: MCMaster-CARR P/N 91590A117 ⑧



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SOURCE CONTROL DRAWING

QTY REQ'D	PART No.	DESCRIPTION	MAT'L	SPEC
NEXT ASSY (S)		SNAP RING		
ORIGINAL DATE 10-13-08		APICAL INDUSTRIES, INC. 1000 W. 10th St. P.O. Box 1000		
DRAWN BY J. ANDERSON		P. DRAGO		
DRAWING APPROVAL P. DRAGO		REV N/C		
CONTRACT NO.		SCALE		
UNLESS OTHERWISE SPECIFIED		SHEET 1 of 1		
SIZE B	DATE CODE 07/02/08	QTY 601.2587	REV N/C	

330-995-5500
330-995-9600 (fax)
cle.sales@mcmaster.com

Order Confirmation

Ship to

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order

PO041332

Order Date

10/12/18

Ordered By

Chantal Lavoie

McMaster-Carr Number

2560330

Line	Product	Ordered	Delivers	Price	Total
16	91590A117 External Retaining Ring for 3/8" OD, 15-7 PH Stainless Steel, packs of 10	10 packs	Oct 15	8.36 per pack	83.60
17	94505A533 Locking Push-Pull Quick-Release Pin, Ring-Grip, 1/4" Diameter, 2" Usable Length	3 each	Oct 15	18.20 each	54.60
18	94505A533 Locking Push-Pull Quick-Release Pin, Ring-Grip, 1/4" Diameter, 2" Usable Length	4 each	Oct 15	18.20 each	72.80
19	94895A823 High-Strength Steel Hex Nut, Grade 8, Zinc Yellow-Chromate Plated, 1/2"-13 Thread Size, packs of 50	1 pack	Oct 15	7.90 per pack	7.90
20	97526A421 Domed Head Blind Rivets, 3/16" Diameter, for 0.3760"-0.5" Material Thickness, Black, packs of 100	2 packs	Oct 16	18.72 per pack	37.44
21	97135A255 High-Strength Steel Nylon-Insert Locknut, Grade 8, Zinc Yellow-Chromate Plated, 1/2"-20 Thread Size, packs of 10	2 packs	Oct 15	4.58 per pack	9.16
22	98758A516 Medium-Strength Threaded Rod, Grade B7 Black-Oxide Steel, 1/2"-13 Thread Size, 3-1/2" Long	5 each	Oct 15	2.33 each	11.65
23	1376N15 Multipurpose Neoprene Rubber Strip, Adhesive-Back, with Certificate, 1/8" Thick, 70A Durometer, 1" x 36"	10 each	Oct 15	12.76 each	127.60

Merchandise \$1,370.13

Applicable shipping and Canadian GST/HST will be added.

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.



External Retaining Ring

for 3/8" OD, 15-7 PH Stainless Steel

\$8.69 per pack of 10
91590A117

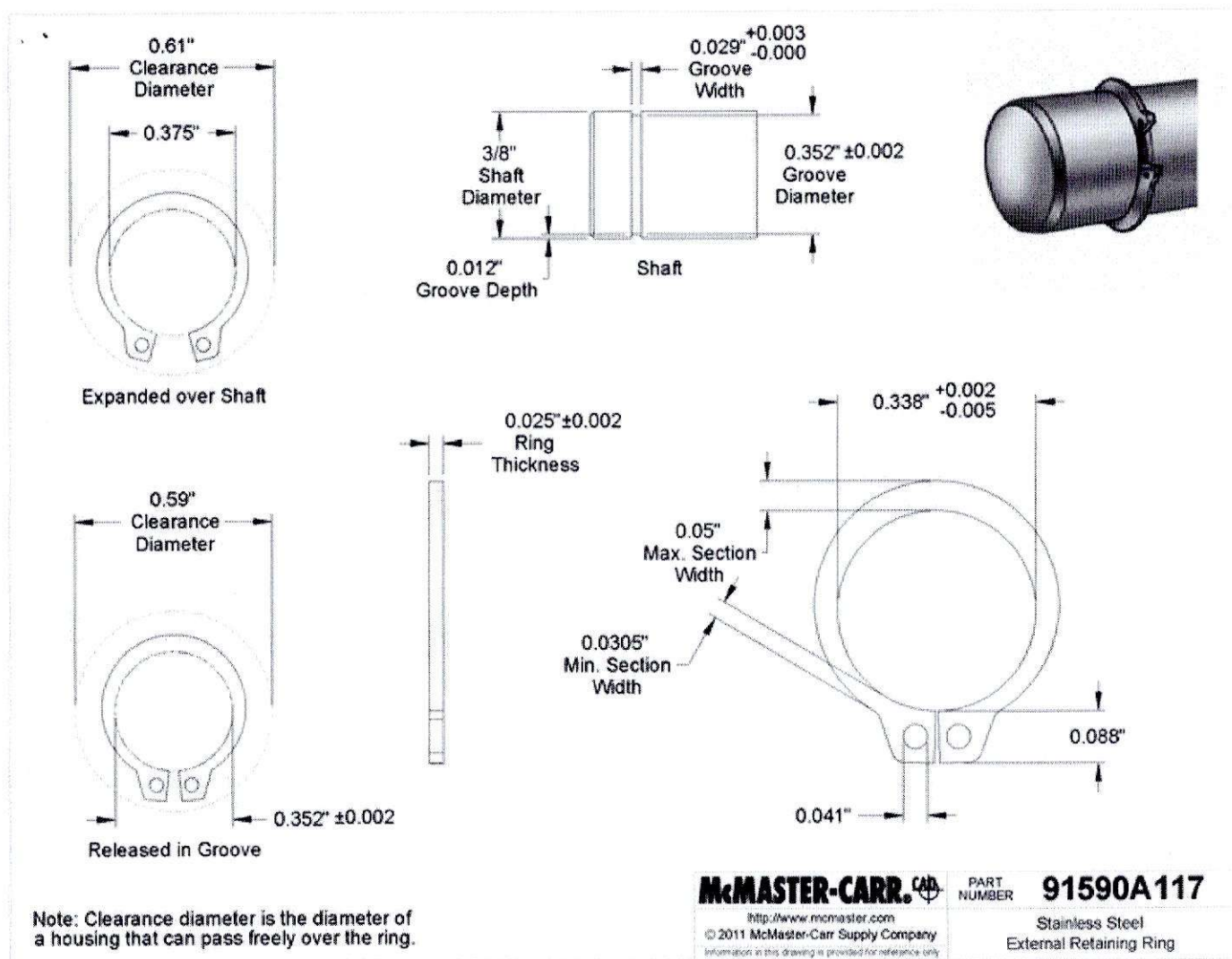


Retaining Ring Type	External
Retaining Ring Style	Standard
System of Measurement	Inch
Material	15-7 PH Stainless Steel
Passivation	Passivated
For OD	3/8"
For Groove	
Diameter	0.352"
Diameter Tolerance	-0.002" to 0.002"
Width	0.029"
Width Tolerance	0" to 0.003"
Ring	
ID	0.338"
ID Tolerance	-0.005" to 0.002"
Thickness	0.025"
Thickness Tolerance	-0.002" to 0.002"
Min. Hardness	Rockwell C43
Thrust Load Capacity	880 lbs.
Magnetic Properties	Magnetic
Specifications Met	ASME B18.27.1
RoHS	RoHS 3 (2015/863/EU) Compliant
REACH	REACH (EC 1907/2006) (06/25/2020, 209 SVHC) Compliant
DFARS	Specialty Metals Compliant (252.225-7009)
Country of Origin	United States

Open these rings, pass them over the end of a shaft, and release to spring into the groove. Ring ID is measured with the ring uninstalled. Use retaining ring pliers (sold separately) to install and remove rings.

15-7 PH stainless steel rings have high strength with good corrosion resistance. Rings are passivated for added protection against corrosion.

Thrust load capacity, also known as PR, is based on using a shaft that is harder than the ring.



The information in this 3-D model is provided for reference only.